Table C2. Household Relationship and Living Arrangements of Children Under 18 Years' , by Age, Sex, Race, Hispanic Origin' , and Metropolitan Residence: March 2001 (Numbers in thousands)

Total United States, White	<u> </u>										
	Total Under	Under 1							Total Under	Total 6-11	Total 12-17
	18 Years ^{/1}	year	1-2 years	3-5 years	6-8 years	9-11 years		15-17 years	6 years	years	years
TOTAL	56,135	3,125	5,945	8,999	9,396	9,882	9,537	9,251	18,069	19,278	18,788
BOTH SEXES											
IN HOUSEHOLD											
Living with both parents	42,188	2,386	4,576	6,896	7,065	7,386	7,158	6,720	13,858	14,451	13,879
Living with mother only	9,826	500	956	1,528	1,690	1,824	1,693	1,634	2,984	3,515	3,327
Living with father only	2,437	173	267	378	375	413	372	459	818	788	831
Living with neither parent	1,686	67	146	197	265	259	314	438	410	524	751
LIVING WITH BOTH PARENTS											
Child of householder	41,476	2,310	4,468	6,771	6,942	7,287	7,050	6,647	13,549	14,230	13,697
Grandchild of householder	424	50	81	85	76	66	44	21	216	143	65
Other relative of householder	262	22	24	34	41	31	60	50	80	72	110
Nonrelative of householder	26	3	3	6	6	2	4	3	12	7	6
LIVING WITH MOTHER ONLY											
Child of householder	7,876	319	635	1,161	1,347	1,527	1,449	1,438	2,115	2,874	2,887
Grandchild of householder	1,080	151	238	227	189	118	98	59	615	307	157
Other relative of householder	299	15	40	34	38	40	63	70	88	78	133
Nonrelative of householder	571	16	43	107	116	140	82	67	165	256	150
LIVING WITH FATHER ONLY											
Child of householder	2,159	165	233	330	315	363	339	414	728	678	753
Grandchild of householder	151	3	22	25	35	27	12	27	49	62	40
Other relative of householder	63	5	9	11	14	6	9	11	24	19	19
Nonrelative of householder	63	-	4	13	12	17	12	6	16	29	18
LIVING WITH NEITHER PARENT'3											
Grandchild of householder	652	32	62	97	130	102	119	110	191	232	229
Other relative of householder	514	14	44	43	75	77	91	170	101	152	261
Foster child	152	9	9	17	21	24	49	24	35	45	73
Other nonrelative of householder	367	12	30	40	40	56	55	134	82	96	189
MALE											
IN HOUSEHOLD											
Living with both parents	21,737	1,212	2,355	3,558	3,616	3,804	3,705	3,487	7,125	7,420	7,192
Living with mother only	4,863	256	471	766	861	891	808	811	1,493	1,751	1,618
Living with father only	1,379	106	151	195	202	234	218	272	452	436	491
Living with neither parent	853	25	71	99	144	142	159	212	196	287	371
LIVING WITH BOTH PARENTS											
Child of householder	21,365	1,164	2,294	3,504	3,554	3,745	3,654	3,449	6,962	7,299	7,103
Grandchild of householder	233	30	52	38	39	43	19	12	120	82	31
Other relative of householder	127	18	5	13	21	15	30	25	36	36	55
Nonrelative of householder	12	-	3	4	2	-	2	1	7	2	3
LIVING WITH MOTHER ONLY	-				_					_	
Child of householder	3,888	169	310	589	687	736	684	712	1,069	1,423	1,396

Grandchild of householder	520	72	122	107	86	63	43	28	300	149	71
Other relative of householder	160	6	18	18	24	25	36	32	42	50	68
Nonrelative of householder	295	9	21	53	64	66	45	38	82	130	83
LIVING WITH FATHER ONLY											
Child of householder	1,230	103	133	169	171	204	203	248	404	374	451
Grandchild of householder	91	1	14	14	22	18	6	17	29	40	22
Other relative of householder	33	2	4	7	6	3	6	5	12	9	11
Nonrelative of householder	25	-	1	6	4	9	3	2	6	13	6
LIVING WITH NEITHER PARENT'3											
Grandchild of householder	338	7	34	48	68	57	66	58	88	125	124
Other relative of householder	274	8	22	27	47	41	52	76	58	88	128
Foster child	62	2	5	7	8	8	20	12	14	16	33
Other nonrelative of householder	179	9	11	17	22	36	20	66	36	57	86
FEMALE											
IN HOUSEHOLD											
Living with both parents	20,451	1,174	2,221	3,338	3,449	3,582	3,453	3,234	6,733	7,032	6,687
Living with mother only	4,962	244	484	762	830	934	885	824	1,490	1,763	1,709
Living with father only	1,058	67	116	183	173	179	153	187	366	352	340
Living with neither parent	832	41	75	98	121	117	155	225	214	238	380
LIVING WITH BOTH PARENTS											
Child of householder	20,112	1,146	2,174	3,267	3,388	3,542	3,396	3,198	6,587	6,930	6,594
Grandchild of householder	191	20	29	48	37	23	25	9	97	60	34
Other relative of householder	135	4	18	21	20	16	30	25	44	36	55
Nonrelative of householder	14	3	-	2	4	2	2	1	5	5	3
LIVING WITH MOTHER ONLY											
Child of householder	3,988	150	325	571	660	790	765	726	1,046	1,451	1,491
Grandchild of householder	560	79	116	120	103	55	56	31	315	158	87
Other relative of householder	139	8	22	16	14	14	27	38	46	28	64
Nonrelative of householder	276	7	22	54	52	74	37	29	83	126	67
LIVING WITH FATHER ONLY											
Child of householder	929	62	100	161	145	159	136	166	323	304	302
Grandchild of householder	60	2	8	11	13	9	6	11	20	22	17
Other relative of householder	30	4	5	4	8	2	2	6	12	10	8
Nonrelative of householder	39	-	3	7	7	9	9	4	10	16	13
LIVING WITH NEITHER PARENT'S											
Grandchild of householder	314	25	29	49	62	45	52	52	103	106	105
Other relative of householder	240	6	22	16	28	35	39	94	44	64	132
Foster child	90	7	4	10	12	16	28	11	21	29	40
Other nonrelative of householder	188	3	20	23	18	20	35	68	46	38	104

^{1/} All children under 18, excluding householders, subfamily reference people, and their spouses.

^{2/} Hispanics may be of any race.

^{3/} Includes ever married grandchildren under 18 (excluded prior to 1998).

^{4/} This data is from the expanded CPS sample and uses population controls based on Census 2000.

⁻ Represents or rounds to zero.

Table C2. Household Relationship and Living Arrangements of Children Under 18 Years¹, by Age, Sex, Race, Hispanic Origin², and Metropolitan Residence: March 2001 ⁴ (Numbers in thousands)

Central City, White											
	Total Under	Under 1							Total Under	Total 6-11	Total 12-17
	18 Years ^{/1}	year	1-2 years	3-5 years	6-8 years	9-11 years	12-14 years	15-17 years	6 years	years	years
TOTAL	13,380	878	1,522	2,211	2,293	2,370	2,143	1,962	4,611	4,664	4,105
BOTH SEXES											
IN HOUSEHOLD											
Living with both parents	9,309	651	1,083	1,552	1,608	1,655	1,471	1,290	3,285	3,263	2,761
Living with mother only	3,016	154	318	507	525	548	516	448	979	1,073	964
Living with father only	603	55	74	108	100	98	80	87	237	198	167
Living with neither parent	452	19	46	45	61	69	75	138	109	130	213
LIVING WITH BOTH PARENTS											
Child of householder	9,084	617	1,046	1,521	1,559	1,617	1,447	1,276	3,185	3,176	2,724
Grandchild of householder	129	22	26	20	23	25	8	6	68	47	14
Other relative of householder	90	11	11	9	23	14	14	8	30	37	22
Nonrelative of householder	6	-	-	3	3	-	1	-	3	3	1
LIVING WITH MOTHER ONLY											
Child of householder	2,454	104	218	393	424	491	437	388	715	915	825
Grandchild of householder	299	38	67	76	55	20	26	17	181	75	43
Other relative of householder	130	6	18	15	23	10	31	28	38	33	59
Nonrelative of householder	132	5	16	24	23	27	22	15	46	50	37
LIVING WITH FATHER ONLY											
Child of householder	547	52	67	100	88	90	76	74	219	178	150
Grandchild of householder	22	_	4	2	6	5	_	4	7	11	5
Other relative of householder	21	3	1	4	6	1	2	4	8	7	6
Nonrelative of householder	11	_	2	2	1	1	2	4	3	2	6
LIVING WITH NEITHER PARENT'3											
Grandchild of householder	151	5	20	18	18	29	29	32	42	47	61
Other relative of householder	189	7	16	18	26	27	31	66	41	52	96
Foster child	21	1	1	1	7	2	5	2	3	9	8
Other nonrelative of householder	91	6	9	8	9	11	10	38	23	20	48
MALE		· ·	· ·	· ·			. •				
IN HOUSEHOLD											
Living with both parents	4,823	340	562	823	799	838	770	690	1,725	1,637	1,460
Living with mother only	1,548	90	156	259	269	296	253	225	506	565	477
Living with father only	340	31	50	51	52	61	44	52	132	113	95
Living with neither parent	235	12	23	21	32	37	43	67	57	68	110
LIVING WITH BOTH PARENTS			20		02	0,	.0	O,	0.	00	110
Child of householder	4,702	316	541	806	777	815	760	687	1,663	1,592	1,447
Grandchild of householder	76	15	18	13	8	17	1	1	47	26	3
Other relative of householder	42	9	3	2	13	6	8	1	14	19	9
Nonrelative of householder	3	_		1	1]	1	<u>'</u>	1	1	1
LIVING WITH MOTHER ONLY				'	'		'	_	'	'	· '
Child of householder	1,254	61	104	209	209	261	211	198	374	470	409
Grandchild of householder	1,254	21	32	31	209	13	12	8	84	410	20

Other relative of householder	70	3	10	10	15	6	16	9	24	21	25
Nonrelative of householder	78	5	9	9	17	15	13	9	24	32	22
LIVING WITH FATHER ONLY											
Child of householder	312	29	47	46	44	58	42	46	121	103	88
Grandchild of householder	13	-	3	2	4	2	-	1	6	6	1
Other relative of householder	13	2	-	3	4	1	1	2	5	5	3
Nonrelative of householder	3	-	-	-	-	-	-	2	-	-	2
LIVING WITH NEITHER PARENT/3											
Grandchild of householder	83	3	10	9	8	13	20	20	22	21	39
Other relative of householder	104	5	10	10	18	14	19	29	24	32	48
Foster child	4	-	-	-	1	-	-	2	-	1	3
Other nonrelative of householder	44	4	3	3	5	9	4	16	10	14	20
FEMALE											
IN HOUSEHOLD											
Living with both parents	4,486	310	521	729	809	817	701	599	1,560	1,626	1,300
Living with mother only	1,468	63	163	248	256	252	263	223	473	508	487
Living with father only	262	24	25	56	48	37	37	35	106	85	72
Living with neither parent	217	7	22	23	29	32	32	71	52	61	103
LIVING WITH BOTH PARENTS											
Child of householder	4,382	302	505	715	782	802	688	589	1,522	1,584	1,277
Grandchild of householder	53	7	7	6	14	7	7	4	20	21	11
Other relative of householder	48	1	9	6	11	8	6	6	16	19	13
Nonrelative of householder	4	-	-	2	2	-	-	-	2	2	-
LIVING WITH MOTHER ONLY											
Child of householder	1,200	43	113	184	215	230	226	190	340	445	415
Grandchild of householder	153	18	35	45	28	6	14	9	97	34	23
Other relative of householder	60	2	7	4	8	4	15	19	14	12	34
Nonrelative of householder	54	-	7	15	6	12	9	5	22	18	15
LIVING WITH FATHER ONLY											
Child of householder	235	23	21	54	43	32	34	29	98	75	62
Grandchild of householder	10	-	1	-	2	3	-	3	1	5	3
Other relative of householder	8	2	1	-	2	-	1	2	3	2	3
Nonrelative of householder	9	-	2	2	1	1	2	2	3	2	3
LIVING WITH NEITHER PARENT'3											
Grandchild of householder	68	2	9	9	10	16	9	13	20	26	22
Other relative of householder	85	2	6	8	8	12	12	37	16	20	49
Foster child	17	1	1	1	6	2	5	-	3	8	5
Other nonrelative of householder	47	2	6	5	4	2	6	22	13	6	28

^{1/} All children under 18, excluding householders, subfamily reference people, and their spouses.

^{2/} Hispanics may be of any race.

^{3/} Includes ever married grandchildren under 18 (excluded prior to 1998).

^{4/} This data is from the expanded CPS sample and uses population controls based on Census 2000.

⁻ Represents or rounds to zero.

Table C2. Household Relationship and Living Arrangements of Children Under 18 Years¹, by Age, Sex, Race, Hispanic Origin², and Metropolitan Residence: March 2001 ⁴ (Numbers in thousands)

Suburban, White											
	Total Under	Under 1							Total Under	Total 6-11	Total 12-17
	18 Years ^{/1}	year	1-2 years	3-5 years	6-8 years	9-11 years	12-14 years	15-17 years	6 years	years	years
TOTAL	31,871	1,689	3,281	5,140	5,419	5,538	5,509	5,294	10,110	10,957	10,804
BOTH SEXES											
IN HOUSEHOLD											
Living with both parents	24,726	1,341	2,642	4,104	4,201	4,260	4,228	3,951	8,087	8,461	8,178
Living with mother only	4,937	237	428	735	866	916	897	858	1,400	1,782	1,755
Living with father only	1,309	77	140	202	207	221	204	259	419	428	463
Living with neither parent	899	33	72	99	146	141	181	227	204	287	408
LIVING WITH BOTH PARENTS											
Child of householder	24,332	1,306	2,584	4,022	4,134	4,214	4,170	3,902	7,912	8,348	8,072
Grandchild of householder	236	22	44	56	49	33	21	10	123	82	31
Other relative of householder	139	10	9	23	15	12	34	36	42	27	70
Nonrelative of householder	19	3	3	3	3	2	3	3	9	4	5
LIVING WITH MOTHER ONLY											
Child of householder	3,884	143	275	537	678	734	760	758	954	1,412	1,518
Grandchild of householder	613	80	123	125	112	80	62	32	327	191	94
Other relative of householder	125	7	13	15	11	21	27	31	34	33	58
Nonrelative of householder	315	8	17	59	65	81	48	36	85	146	84
LIVING WITH FATHER ONLY											
Child of householder	1,141	73	119	174	166	191	182	236	366	357	418
Grandchild of householder	103	2	14	14	26	19	9	18	31	45	27
Other relative of householder	36	2	6	6	7	5	5	5	14	12	11
Nonrelative of householder	30	-	-	8	7	7	7	-	8	14	7
LIVING WITH NEITHER PARENT'3											
Grandchild of householder	342	18	25	53	74	52	61	60	96	126	121
Other relative of householder	253	6	23	18	42	38	52	75	47	80	127
Foster child	92	6	6	8	7	16	34	16	20	22	50
Other nonrelative of householder	211	4	18	20	23	36	34	76	42	59	110
MALE											-
IN HOUSEHOLD											
Living with both parents	12,729	665	1,354	2,097	2,139	2,245	2,166	2,063	4,116	4,384	4,229
Living with mother only	2,403	120	198	374	438	425	417	432	692	863	849
Living with father only	722	47	71	104	113	114	122	150	223	227	272
Living with neither parent	458	9	31	53	85	78	91	111	93	163	202
LIVING WITH BOTH PARENTS		_	_								
Child of householder	12,522	643	1,323	2,066	2,103	2,218	2,136	2,034	4,032	4,320	4,170
Grandchild of householder	129	14	26	20	29	21	12	8	60	49	20
Other relative of householder	69	8	2	9	6	6	17	20	19	13	37
Nonrelative of householder	9	-	3	3	1	-	1	1	6	1	2
LIVING WITH MOTHER ONLY					·						_
Child of householder	1,870	75	123	273	350	327	347	374	472	677	721
Grandchild of householder	295	39	64	63	46	42	27	14		88	41

Other relative of householder	72	3	4	5	7	16	18	20	11	23	38
Nonrelative of householder	166	3	7	33	35	40	25	24	43	74	48
LIVING WITH FATHER ONLY											
Child of householder	628	47	59	88	93	96	111	134	195	189	245
Grandchild of householder	65	-	8	9	17	13	5	13	17	30	18
Other relative of householder	18	-	4	2	1	3	5	3	6	4	7
Nonrelative of householder	11	-	-	5	2	3	1	-	5	5	1
LIVING WITH NEITHER PARENT/3											
Grandchild of householder	174	2	12	25	41	32	30	31	40	73	61
Other relative of householder	135	3	11	14	24	19	30	33	28	43	64
Foster child	46	1	3	4	5	6	17	9	8	11	27
Other nonrelative of householder	103	3	5	9	16	20	13	38	17	35	51
FEMALE											
IN HOUSEHOLD											
Living with both parents	11,997	676	1,287	2,006	2,062	2,015	2,062	1,888	3,970	4,077	3,949
Living with mother only	2,533	118	230	361	427	491	479	426	709	919	906
Living with father only	587	29	69	98	94	107	82	109	196	201	191
Living with neither parent	441	24	41	46	60	63	90	116	111	124	206
LIVING WITH BOTH PARENTS											
Child of householder	11,810	663	1,262	1,956	2,031	1,996	2,034	1,868	3,881	4,028	3,902
Grandchild of householder	106	8	18	36	20	12	9	3	62	32	12
Other relative of householder	70	3	8	14	9	5	17	16	24	14	33
Nonrelative of householder	10	3	-	-	1	2	2	1	4	3	3
LIVING WITH MOTHER ONLY											
Child of householder	2,014	67	152	264	328	407	412	384	483	735	797
Grandchild of householder	317	41	59	62	65	37	35	18	162	103	53
Other relative of householder	53	4	9	10	4	5	9	12	23	9	20
Nonrelative of householder	149	5	11	26	30	42	23	13	41	72	36
LIVING WITH FATHER ONLY											
Child of householder	512	26	60	86	73	95	71	102	171	168	173
Grandchild of householder	38	2	6	5	9	6	5	5	14	15	9
Other relative of householder	19	2	2	3	6	2	1	3	8	8	3
Nonrelative of householder	18	-	-	3	5	4	6	-	3	9	6
LIVING WITH NEITHER PARENT'3											
Grandchild of householder	168	16	12	28	33	20	31	29	56	53	60
Other relative of householder	119	3	12	4	18	19	21	42	19	37	63
Foster child	46	4	3	4	2	9	17	7	12	11	24
Other nonrelative of householder	108	1	14	10	7	16	21	39	25	23	59

^{1/} All children under 18, excluding householders, subfamily reference people, and their spouses.

^{2/} Hispanics may be of any race.

^{3/} Includes ever married grandchildren under 18 (excluded prior to 1998).

^{4/} This data is from the expanded CPS sample and uses population controls based on Census 2000.

⁻ Represents or rounds to zero.

Table C2. Household Relationship and Living Arrangements of Children Under 18 Years¹, by Age, Sex, Race, Hispanic Origin², and Metropolitan Residence: March 2001 ⁴ (Numbers in thousands)

Nonmetropolitan, White											
	Total Under	Under 1							Total Under	Total 6-11	Total 12-17
	18 Years ^{/1}	year	1-2 years	3-5 years	6-8 years	9-11 years	12-14 years	15-17 years	6 years	years	years
TOTAL	10,885	558	1,142	1,647	1,684	1,974	1,885	1,995	3,347	3,658	3,880
BOTH SEXES											
IN HOUSEHOLD											
Living with both parents	8,153	394	852	1,240	1,257	1,471	1,460	1,480	2,485	2,728	2,940
Living with mother only	1,873	109	210	286	300	360	280	329	604	660	609
Living with father only	525	41	52	68	69	94	88	113	161	163	201
Living with neither parent	335	14	29	54	59	48	57	73	97	108	130
LIVING WITH BOTH PARENTS											
Child of householder	8,061	387	837	1,229	1,249	1,457	1,433	1,469	2,453	2,706	2,902
Grandchild of householder	59	6	11	9	5	9	15	5	26	14	20
Other relative of householder	33	1	3	2	3	5	12	7	7	8	19
LIVING WITH MOTHER ONLY											
Child of householder	1,537	71	143	232	245	302	253	291	446	547	545
Grandchild of householder	169	32	48	26	22	19	11	10	107	41	21
Other relative of householder	43	2	9	4	4	8	4	11	16	12	15
Nonrelative of householder	124	3	9	23	29	32	12	16	35	60	29
LIVING WITH FATHER ONLY											
Child of householder	470	40	46	56	61	82	81	104	142	143	185
Grandchild of householder	26	1	3	8	3	3	2	5	12	7	8
Other relative of householder	6	-	1	1	1	-	1	2	2	1	3
Nonrelative of householder	23	-	2	3	4	9	3	2	5	13	5
LIVING WITH NEITHER PARENT'3											
Grandchild of householder	159	9	18	26	37	21	28	18	53	59	47
Other relative of householder	71	1	5	7	7	12	8	29	14	20	38
Foster child	40	2	2	8	7	7	9	5	12	13	15
Other nonrelative of householder	65	2	3	13	8	8	11	20	18	16	31
MALE											
IN HOUSEHOLD											
Living with both parents	4,185	207	439	638	678	720	769	733	1,283	1,399	1,502
Living with mother only	912	46	118	133	153	171	138	155	296	324	293
Living with father only	316	27	30	40	37	58	53	71	97	96	124
Living with neither parent	160	4	17	25	28	28	24	35	46	55	59
LIVING WITH BOTH PARENTS											
Child of householder	4,141	205	430	633	675	712	758	728	1,268	1,387	1,486
Grandchild of householder	27	1	7	4	2	5	5	3	12	7	8
Other relative of householder	16	1	1	1	2	3	5	3	3	5	8
LIVING WITH MOTHER ONLY											
Child of householder	764	32	82	107	127	148	126	140	222	276	266
Grandchild of householder	80	12	26	13	12	7	3	6	51	19	9
Other relative of householder	17	1	4	2	2	3	1	3	7	5	5
Nonrelative of householder	52	-	5	10	12	11	8	5	15	23	13

LIVING WITH FATHER ONLY											
Child of householder	289	26	27	35	33	50	50	68	88	83	118
Grandchild of householder	14	1	3	3	1	3	1	2	6	5	3
Other relative of householder	3	-	-	1	-	-	-	1	1	-	1
Nonrelative of householder	11	-	1	-	2	6	2	-	1	8	2
LIVING WITH NEITHER PARENT'3											
Grandchild of householder	81	2	11	14	19	12	17	8	26	31	24
Other relative of householder	35	-	2	3	5	8	3	14	5	13	17
Foster child	13	-	2	3	3	1	3	1	5	4	3
Other nonrelative of householder	31	2	3	5	1	7	2	12	9	8	15
FEMALE											
IN HOUSEHOLD											
Living with both parents	3,968	187	413	602	578	751	690	747	1,202	1,329	1,437
Living with mother only	961	63	92	153	146	190	142	174	308	336	316
Living with father only	208	13	22	29	32	35	35	42	65	67	77
Living with neither parent	174	11	12	28	31	21	33	38	51	52	71
LIVING WITH BOTH PARENTS											
Child of householder	3,920	182	407	596	575	744	675	741	1,185	1,319	1,416
Grandchild of householder	32	5	4	5	3	4	9	2	14	7	12
Other relative of householder	17	-	2	1	1	2	7	4	3	3	10
LIVING WITH MOTHER ONLY											
Child of householder	773	39	60	124	118	153	127	151	223	271	279
Grandchild of householder	89	20	23	13	10	11	7	4	56	22	11
Other relative of householder	26	2	5	2	2	5	3	7	9	6	10
Nonrelative of householder	72	2	4	13	17	20	5	11	19	37	16
LIVING WITH FATHER ONLY											
Child of householder	182	13	20	21	28	32	31	36	54	60	67
Grandchild of householder	12	-	-	5	2	-	1	3	6	2	5
Other relative of householder	3	-	1	-	-	-	1	1	1	-	2
Nonrelative of householder	12	-	1	2	1	3	1	2	4	5	3
LIVING WITH NEITHER PARENT'3											
Grandchild of householder	77	8	7	12	18	10	12	11	27	28	23
Other relative of householder	36	1	4	4	2	5	6	15	9	7	21
Foster child	27	2	-	5	4	5	7	5	6	9	11
Other nonrelative of householder	34	-	1	8	7	1	9	8	9	9	17

^{1/} All children under 18, excluding householders, subfamily reference people, and their spouses.

^{2/} Hispanics may be of any race.

^{3/} Includes ever married grandchildren under 18 (excluded prior to 1998).

^{4/} This data is from the expanded CPS sample and uses population controls based on Census 2000.

⁻ Represents or rounds to zero.